FINE Vu

CAR BLACK BOX
Vehicle Video Recorder

pro
FULL HD

User Manual

FINE DIGITAL

Thank you for choosing the Finevu Car black box.

Before using the product, please read this manual carefully.
Finedigital has an on-going policy of upgrading its products and it may be possible that information in this document is not up-to-date. Please visit the Finevu website (www.finevu.com) for current updates and the latest information.

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Certifications

This product has been tested and found to comply with the limits for a Class A digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference with radio communications.

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Safety and Precautions

WARNING Breaching the following precautions may result in serious personal injury or even death.

Power

- Do not use a damaged or modified power cable. Doing so may cause explosion or fire, and may result in personal injury or damage to the vehicle.
- Only use this product within the rated voltage. Failing to do so may cause explosion or fire, and result in personal injury or damage to the vehicle.
- Do not connect the power cable arbitrarily. Doing so may result in fire or product failure.

Installation

- Do not use this product in a place where there is a danger of exposure to high humidity or flammable liquids or gases. Doing so may result in explosion or fire.
- Do not leave the black box in a place with a high temperature, such as in the closed vehicle or in direct sunlight. Doing so may result in fire or product failure.
- Ensure that you install the product in a position where it won't obstruct your view. Doing so could cause a car accident.
- Plug the USB and video cables in properly. Failure to do so may result in fire or product failure.

Use

- Do not allow the product to come into contact with flammable and explosive liquids or gases. Doing so may result in explosion or fire.
- Do not allow metal or flammable substances to get into the memory card slot or cord outlet of your black box. This may result in electric shock or fire.
- Do not operate the product with wet hands. This may result in electric shock.
- Do not leave the product or its accessories within reach of children, since they may swallow small components. Doing so may result in serious personal injury or death.
- Do not cover the black box with a cloth or a blanket while in use. Continuous heating may cause fire or product failure.
- Do not operate the black box while driving. It could cause a car accident.

CAUTION

Breaching the following precautions may result in personal injury or property damage.

Installation

- Do not connect the uninterrupted power supply arbitrarily. It may result in vehicular or product failure. Make sure to consult an expert for installation.

Use

- Do not apply excessive force to the black box and the lens. Doing so may result in product failure.
- Do not use an awl or a sharp object when using the black box. Doing so may result in product failure.
- Do not spray water or wax directly onto this product. Doing so may result in electric shock or product failure.
- When you use the black box for an extended period of time, the internal heat it generates may cause your skin to burn at the contact area if touched.
- Do not disassemble or modify this product arbitrarily. Doing so may cause breakage of the product or data loss. Consult the A/S center for inspection and repair of the product.

Management

- Do not leave the product or its accessories within reach of a pet. Foreign objects could get into the inside of the product, and cause an explosion or product failure.
- Disconnect the power cable if you are not using the product for an extended period of time. Failure to do so may result in fire or product failure.
- Do not move the product while the cigar jack cord or cables are plugged in. This may result in fire or electric shock.

Note

- The specifications and user manual of this product are subject to change without notice to improve its performance.

Features

Clear video quality

- 16:9 widescreen and HD video recording
- CMOS sensor with 1920 x 1080 effective pixels (1920 x 1080 Full-HD 15 fps supported)
- High resolution, 119° horizontal wide angle camera lens
- Adjust the brightness of the video in 5 levels at night

Various recording modes

- Normal recording while driving
- Shock recording while driving
- Shock recording while parking
- Motion detection recording while parking

Voice recording and audio output

- Vivid audio recording with a high sensitivity microphone
- Clear sound output with a speaker

Super capacitor fitted

- When power is disconnected unexpectedly due to an accident or for any other reason, the super capacitor supplies the power to allow the video being recorded to be saved safely.

Video display for adjusting the recording angle

- Use this feature when adjusting the recording angle after initial installation.

Easy installation

- Always recording in the correct direction by automatically changing the image orientation no matter where it is installed
- Easy removal of the black box from the mount

Quick and easy connection to the PC

- Direct connection with the black box via the USB port
- Auto recognition of USB storage devices
- Setup program provided (for Windows only)
- Play video with a normal video player

Expand memory

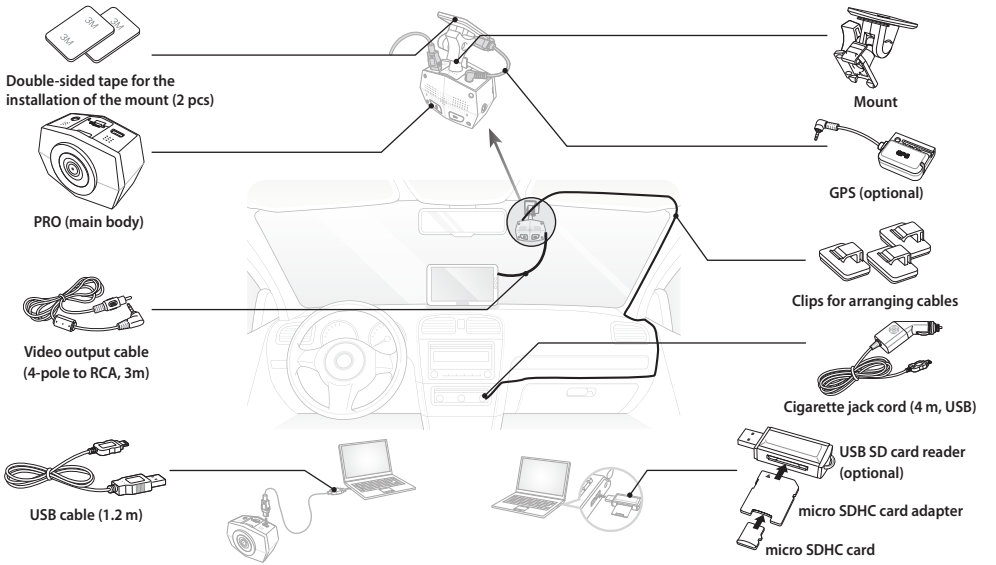
- You can easily expand the memory using an external memory card (8 GB / 16 GB / 32 GB micro SDHC)

Memory management

- You can allocate memory space for each recording mode.

Components and names

Components

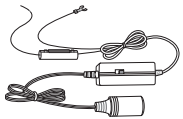

Double-sided tape for the installation of the mount (2 pcs)
PRO (main body)
Video output cable (4-pole to RCA, 3m)
USB cable (1.2 m)
Mount
GPS (optional)
Clips for arranging cables
Cigarette jack cord (4 m, USB)
USB SD card reader (optional)
micro SDHC card adapter
micro SDHC card

※ The components of this product are subject to change without notice to improve its performance.

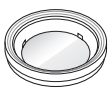
Optional Accessories

USB SD card reader

Video output cable (4-pole to 4-pole)

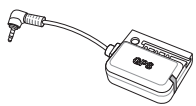


Power adapter



Polarizing filter

External USB battery pack

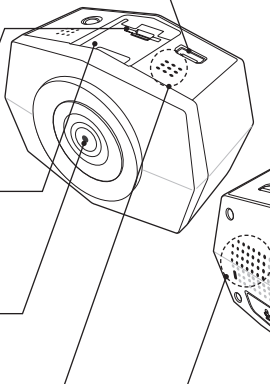


GPS

Note

All accessories are available from the store where you purchased the product.

Names



USB port
Use to supply power (DC 5V) or connect to a PC.

Memory card slot
Insert a micro SDHC card.

Mount connection area
Slot the mounting bracket into the mount connection area.

Camera lens
Record video.

Ventilation hole
Dissipates heat generated by the product.

Speaker
Alerts you to the operating status of the product with alarms and voice.

GPS connection port
Connect a GPS receiver to this port.

External output port
View video being recorded on the screen in real-time.

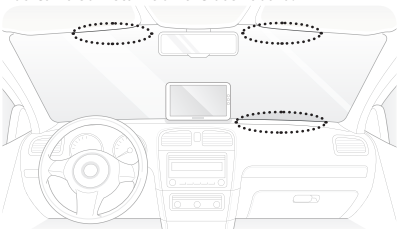
: Record button
Press to make a emergency recording.

: Mic button
Turn on/off recording voice.

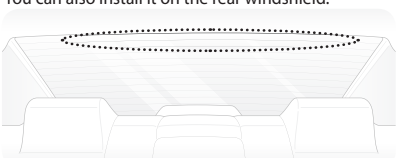
Installation

Finding an installation location

- We recommend that the product is installed on the front windshield, either to the left or the right of the rear view mirror, and in a position that doesn't prevent you from adjusting the position of the mirror.
- You can also install it on the dashboard.



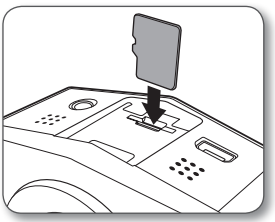
- You can also install it on the rear windshield.



Note

Install the product in a position where it won't obstruct the driver's view.

Inserting a micro SDHC card

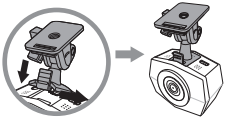


Note

Insert the micro SDHC card with the golden contact area facing backwards.

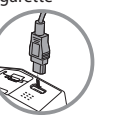
Installation

1 Attach the black box to the mount

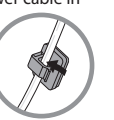


2 Install the mounting bracket in the vehicle using the double -sided tape

3 Plug in the cigarette jack cord to supply power



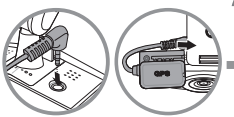
4 Hold the power cable in position with the clips

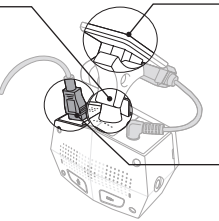


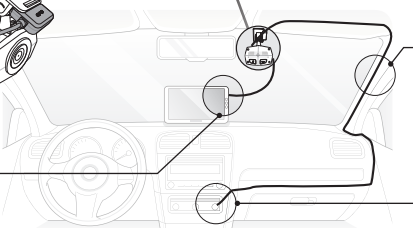
5 Plug the cigarette jack cord into the cigarette jack

6 Connect the video output cable to a navigation device for adjusting the angle of view during initial installation

7 Install a GPS device (optional)







Using the product

You can play the videos recorded while driving and parking in accordance with the default settings of the black box on your PC to check the scenes.

Recording voice

Note color indicates that the LED is blinking.

Mode	LED Buttons		Description
	🎙	📹	
Voice Recording ON	Red	Blue	When **voice recording is OFF**, press the 🎙 button. An alarm will sound and voice recording will start.
Voice Recording OFF	Off	Blue	When **voice recording is ON**, press the 🎙 button. An alarm will sound and voice recording will start.

Note

The default setting is **Voice Recording ON**.

Recording video

Basic operation

Mode	LED Buttons		Description
	🎙	📹	
Booting	Red	White	Booting is completed within 30 seconds from power-up.

Recording while driving

Mode	LED Buttons		Description
	🎤	📹	
Normal recording	Red	Blue	When booting is complete, the **Normal Recording** mode starts.
			The recorded video is saved in the **normal** folder on the memory card.
Shock recording	Red	Red	**Normal Recording** mode switches to **Shock Recording** mode when a shock is detected.
			In total, 40 seconds of video footage is recorded from 5 seconds before to 35 seconds after a shock, and saved in the **event** folder.
			The video recorded in **Normal Recording** mode before the shock will also be saved as **_normal_to_event** in the **event** folder.
Emergency recording	Red	Red	Normal recording mode switches to **Emergency Recording** mode when you press the 📹 button.
			You can record video for up to 1 minute, and the recorded video will be saved in the **camcorder** folder on the memory card.

Note

You can set the shock sensitivity using the **Setup program**. (Refer to page 23.)

Recording while parking

Mode	LED Buttons		Description
Parking	Red	Purple	If there is no movement of the vehicle for 10 minutes, the mode automatically switches to **Parking** mode.
			When the vehicle starts moving, the mode automatically switches to **Normal Recording** mode.
Shock recording	Red	Red	If the black box detects a shock in **Parking** mode, it records video.
			The recorded video will be saved as **_parking** in the **event** folder on the memory card.
Motion detection recording	Red	Yellow	If the black box detects a moving object in **Parking** mode, it records video.
			The recorded video will be saved as **_motion** in the **event** folder on the memory card.

Note

- The power adapter must be fitted to use the black box in Parking mode. Because the power adapter must be installed separately except for some vehicle models, consult an installation expert to get help. (* It is recommended to install the power adapter to prevent the vehicle battery from being discharged fully.)
- Parking mode only records video when there is external shock to the vehicle or if motion is detected.
- Do not cut the cigarette jack cord provided with the product. If the cigarette jack cord is cut or damaged, the product may malfunction.

Recording with external USB power (5V external battery)

Mode	LED Buttons		Description
Booting	Red	White	Booting is completed within 30 seconds from power-up.
Normal recording	Red	Blue	If external power (5V) is supplied to the black box through the USB port and the booting is complete, it switches to **Normal Recording** mode.
			The recorded video is saved in the **normal** folder on the memory card.
Shock recording	Red	Red	**Normal Recording** mode switches to **Shock Recording** mode when a shock is detected.
			In total, 40 seconds of video footage is recorded from 5 seconds before to 35 seconds after a shock, and saved in the **event** folder.
			The video recorded in **Normal Recording** mode before the shock will be also saved as **_normal_to_event** in the **event** folder.
Emergency recording	Red	Red	Normal recording mode switches to **Emergency Recording** mode when you press the button.
			You can record video for up to 1 minute, and the recorded video will be saved in the **camcorder** folder on the memory card.

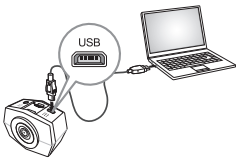
Note

When external USB power is used, the product operates the same way as when the cigarette jack cord is used.

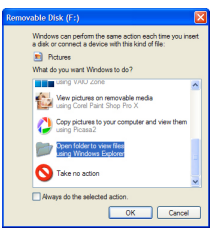
Viewing recorded videos

Viewing on PC (connecting the black box)

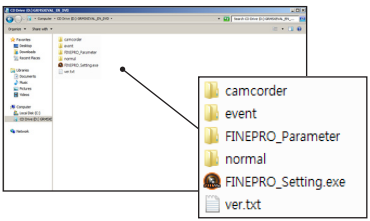
1 Connect the black box to the PC with the USB cable.



2 After booting is complete, the black box switches to USB mode and is executed as a removable disk.


Removable Disk (F:)
Windows can perform the same action each time you insert a disk or connect a device with this kind of file:
Pictures
What do you want Windows to do?
View pictures on removable media
using Corel Paint Shop Pro X
Copy pictures to your computer and view them
using Picasa2
Open folder to view files
using Windows Explorer
Take no action
Always do the selected action.
OK
Cancel

3 When you click '**Open folder to view files using Windows Explorer**', the folders containing videos and pictures will appear.



4 You can play the recorded videos and view the pictures saved in each folder.

Note

- Each folder contains:
  camcorder: Emergency recording
  event: Shock recording
  normal: Normal recording
- Please make sure that you back up important videos and pictures on your PC or other storage devices.

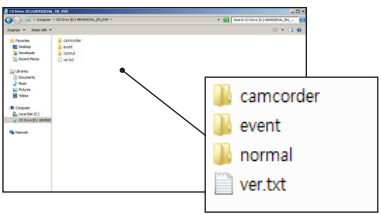
Viewing on PC (memory card)

1 Remove the micro SDHC card from the black box and insert it into the micro SD adapter. Use the memory card reader for connection with a PC.

2 When you connect the micro SDHC card to the PC, it is run as a removable disk.

Removable Disk (F:)
Windows can perform the same action each time you insert a disk or connect a device with this kind of file:
Pictures
What do you want Windows to do?
View pictures on removable media using Corel Paint Shop Pro X
Copy pictures to your computer and view them using Picasa2
Open folder to view files using Windows Explorer
Take no action
Always do the selected action.
OK
Cancel

3 When you click '**Open folder to view files using Windows Explorer**', the folders containing videos and pictures will appear.



4 You can play the recorded videos and view the pictures saved in each folder.

Note

- Each folder contains:
  camcorder: Emergency recording
  event: Shock recording
  normal: Normal recording
- Please make sure that you back up important videos and pictures on your PC or other storage devices.

Viewing on navigation device

1 Connect the video output cable from the black box to the navigation device.

2 Press and hold down the button for 5 seconds to switch to the Playback mode.

3 Recently recorded video files play automatically 3 or 4 seconds after switching to Playback mode.

4 All video files are played in order from the latest files to the oldest ones, regardless of the shooting modes. (All video files in the normal, event and camcorder folders are played.)

5 The simple menu displays along with the video on the external input screen of the navigation device.

Note

- Audio is not supported when playing video on the navigation device.
- Use this feature when adjusting the recording angle after initial installation.

6 Playback screen

You can play the recorded video on the navigation device as below.

Previous file

If you press the button while playing a recorded video, the **previous file** will play automatically.

Next file

If you press the button while playing a recorded video, the **next file** will play automatically.

Repeat the current file

If you press and hold down the button, **the current video** will replay from the beginning.

Exit

If you press and hold down the button for 3 seconds, the Playback mode will stop. The black box then reboots and switches to Normal Recording mode.

Black box operating voltage

Acceleration sensor value

Settings information

Recorded date/time

Settings

Before configuring the settings, find out about the video range of each recording mode and the number of files to be saved in the memory.

Memory management

The start and end recording times differ for each recording mode, depending on the resolution of the video.

<table>
<tr><th colspan="2">Mode</th><th colspan="4">Storage time for each recording mode</th><th>Folder name</th></tr>
<tr><td colspan="2">Resolution</td><td>1080p</td><td>900p</td><td>720P</td><td>540p</td><td></td></tr>
<tr><td colspan="2">Normal recording</td><td>3 minutes in total</td><td>3 minutes in total</td><td>3 minutes in total</td><td>3 minutes in total</td><td>normal</td></tr>
<tr><td colspan="2">Shock recording</td><td rowspan="3">5 seconds before and 35 seconds after shock or motion detection (40 seconds in total)</td><td rowspan="3">5 seconds before and 35 seconds after shock or motion detection (40 seconds in total)</td><td rowspan="3">10 seconds before and 30 seconds after shock or motion detection (40 seconds in total)</td><td rowspan="3">10 seconds before and 30 seconds after shock or motion detection (40 seconds in total)</td><td rowspan="3">event</td></tr>
<tr><td rowspan="2">Recording while parking</td><td>Shock recording</td></tr>
<tr><td>Motion detection recording</td></tr>
<tr><td colspan="2">Emergency recording</td><td>5 seconds before and 55 seconds after turning the ignition off (1 minute in total)</td><td>5 seconds before and 55 seconds after turning the ignition off (1 minute in total)</td><td>10 seconds before and 50 seconds after turning the ignition off (1 minute in total)</td><td>10 seconds before and 50 seconds after turning the ignition off (1 minute in total)</td><td>camcorder</td></tr>
</table>

Note

In Shock Recording mode, the black box records video for up to 2 minutes for a series of events.

Memory map

The maximum **recording time** and **number of files** for each recording mode are as follows:

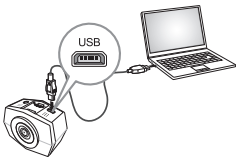
Memory size	Category	Normal recording	Shock/Motion detection recording	Emergency recording	Remarks
16 GB 6 hrs 30 mins	Max. size	6.6 GB	6.6 GB	1.3 GB	Based on 1080p 15 fps H.264 encoding / 5 Mbps / High Profile Normal recording: Event recording = 50%: 50%
	Max. storage time	180 mins	180 mins	36 mins	
	Max. files	3 min video 60 files	40 sec video 275 files	1 min video 36 files	
32 GB 13 hrs 10 mins	Max. size	13.15 GB	13.15 GB	2.6 GB	
	Max. storage time	360 mins	360 mins	72 mins	
	Max. files	3 min video 120 files	40 sec video 550 files	1 min video 72 files	

Note

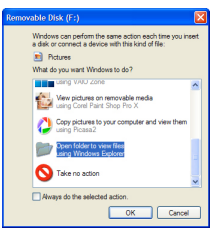
- When there is insufficient space for recording, the old video files are deleted and the new video files are stored. (Normal recording: normal, Shock/Motion detection recording: camcorder, Emergency recording: event)

Connecting the black box to a PC

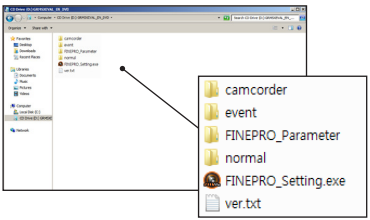
1 Connect the black box to the PC with the USB cable.



2 After booting is complete, the black box switches to USB mode and is run as a removable disk.


Removable Disk (F:)
Windows can perform the same action each time you insert a disk or connect a device with this kind of file:
Pictures
What do you want Windows to do?
View pictures on removable media
Copy pictures to your computer and view them
Open folder to view files
Take no action
Always do the selected action.
OK
Cancel

3 When you click **'Open folder to view files using Windows Explorer'**, the folder with the executable file will be displayed, as shown in the figure.



4 When you run **FINEPRO_Setting.exe**, the **FINEPRO_Settings.exe** Setup is copied onto the desktop and then run.

Setup program

Basic settings

Recording Mode
Set the resolution of recoded videos.

Auto Parking Mode
Automatically switch to parking mode if no movement is detected for 10 minutes.

Shock Sensitivity in Parking Mode
Set the shock sensitivity to detect in Parking mode. This is available only if 'Parking mode' is set to 'Use'.

Motion Detection in Parking Mode
Set the motion detection sensitivity level to use in Parking mode. This is available only if 'Parking mode' is set to 'Use'.

Speaker Volume
Set the speaker volume.

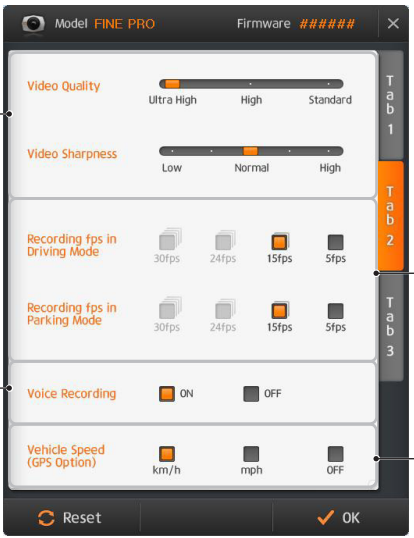
Reset
Click to initialize all settings.

Shock Sensitivity in Driving Mode
Set the shock sensitivity level to use in Driving mode.

Nighttime Brightness
Set the brightness of the video at night in low lighting conditions.

OK
Click to apply and save the changes.

Advanced settings



Video Quality
Set the quality of recorded videos.

Video Sharpness
Set the sharpness of recoded videos.

Voice Recording
Set whether to record voice.

Recording fps in Driving Mode
Set the recording frames per second.

Recording fps in Parking Mode
Set the frames per second for video in Parking/Motion Detection Recording mode.

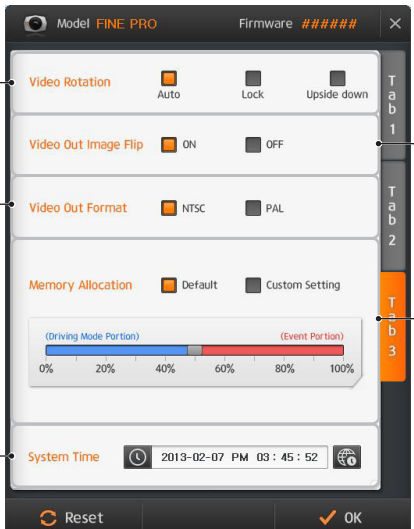
Vehicle Speed (GPS Option)
Set how the vehicle speed is shown by GPS.

User settings

Video Rotation
Set the orientation of video to be recorded according to the installation location.

Video Out Format
Select NTSC or PAL as the video output mode.

System Time
Set the system time of the PC.



Video Out Image Flip
Flips the video output horizontally. Use this option when the black box is installed at the rear of the vehicle.

Memory Allocation
Set the memory allocation ratio for recording while driving, and Parking/ Motion Detection recording.

Alarms and formatting SD card

Status alarms

Status	Alarm
Booting sound & Start recording	"Ding-Dong~ Video recording starts."
Emergency recording	"Cha-Re-Rook" (projector sound)
Removing power	"Dong-Ding~"
GPS reception sound	"GPS is connected."
Memory recognition error sound	"Beep~ Check your memory card."
Recording starts in Parking mode	"Ding-Dong~ Parking mode."
Recording in Shock mode	"Beep~"
USB mode	"Ding-Dong~ USB mode."

Status	Alarm
Finishing sound	"Dong-Ding~"
Playback mode for recorded video	"Ding-Dong~ Video Playback mode."
Enable MIC mute	"Ding~"
Disable MIC mute	"Ding-Dong~"
Reset time*	"Beep~ Please check the time settings."
Sound during formatting	"Beep~Beep~Beep~"
Switch to Normal recording	"Ding-Dong~"

Note

If a time error on system occurs, an alarm sound is played each time the black box is booted. In this case, connect the black box to a PC and then set the system time again using the Setup program.

Formatting SD card

1 Press the button until power is supplied and then hold it down for about 7 seconds.

2 When 7 seconds have passed the LED of the button blinks for 2 seconds.

3 After booting is complete, formatting proceeds with the "Beep~ Beep~ Beep~" alarm.
(The LED of the button is shown in yellow during formatting.)

4 When formatting is complete, recording starts after rebooting.

Note

Once an SD card is formatted, the videos deleted from it cannot be recovered. Before formatting the SD card, make sure that you back up important videos on your PC or other storage devices.

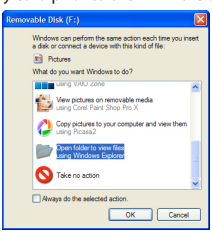
Management

Firmware upgrade

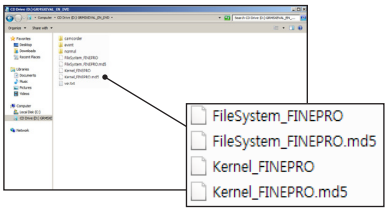
1 Download the latest firmware from the website.

2 Remove the micro SDHC card from the black box and insert it into the micro SD adapter. Use the memory card reader for connection with a PC.

3 When you connect the micro SDHC card to a PC, it is run as a removable disk. (It is recommended that you format the memory card prior to the firmware upgrade.)


Removable Disk (F:)
Windows can perform the same action each time you insert a disk or connect a device with this kind of file.
Pictures
What do you want Windows to do?
View pictures on removable media using Corel Paint Shop Pro X
Copy pictures to your computer and view them using Picasa2
Open folder to view files using Windows Explorer
Take no action
Always do the selected action.
OK
Cancel

4 Unzip the downloaded firmware and copy it to the root directory of the memory card.



5 Insert the micro SDHC card into the black box. When you boot up the black box, the two LEDs will blink and then the upgrade will start.

Note

- The upgrade will take about 3 minutes. After the upgrade is complete, the firmware file is deleted automatically.
- Prior to upgrade, it is recommended that you back up all important files on the micro SDHC card.

Cleaning and storage

Cleaning

- If there is a foreign object on the lens, wipe it down with a soft cloth.
  - To obtain high quality video, do not touch the lens with your hands or allow it to make contact with other objects.
- Clean the black box with a tissue or a dry cloth if there is a foreign object on its exterior.
- Do not attempt to disassemble the black box and take out a foreign object using a tool if it is inside the black box. Contact the A/S center.

Storage

- If you are not using the black box, remove it from your vehicle and keep it indoors.
- Make sure to disconnect the power while storing it.
- Keep the black box enclosed if possible and avoid damp places.
- Remove the memory card to prevent it from degrading while storing the black box.

Troubleshooting

The black box does not turn on.

- Check if the power (cigarette jack cord) is connected.
- Check the battery power status of the vehicle.

Buttons are not working.

- Check if the black box is in video recording status after booting.
- If the buttons are not working in the recording state, request after sales service.

The black box does not boot up.

- Check if the cigarette jack cord is the original one.
- Check if the power LED of the cigarette jack cord is on.
- Check if the micro SDHC memory card has been inserted into the black box properly.
- Check if the external memory card format is FAT32. (NTFS and exFAT are not recognized.)
- Check if the external memory card is faulty or not an original component.

Booting is complete, but there is no sound.

- On the Setup Program screen, check if the alarm volume is set to its lowest.
- If there is still no sound after adjusting the volume, request after sales service.

Recorded video does not play.

- Video may not play depending on the characteristics of the video player.
- If the problem still persists, request after sales service.

My PC does not recognize the black box.

- If the connection often disconnects or becomes unstable, connect the black box directly to a USB port on the PC without using a USB hub. Connection through a USB hub may not provide stable power to the black box.

The black box is recognized on the PC USB, but is disconnected.

- Connect the black box to the USB port on the PC mainboard if possible.
- Remove any other USB devices connected to the PC. Connect the black box only or connect it to the USB host card.
- Check if the same problem occurs on other PCs. If so, request after sales service.

The black box is connected to the USB port of a navigation device, but it is not working.

- Recording is unavailable with power through the USB port of a navigation device. It is, however, recognized as a USB movable disk.

No scenes are recorded in the video.

- Check if the black box booted properly.
- If only audio plays without a video image display, request after sales service.

I would like to change the external memory card.

- You can use any original micro SDHC card with the same specification as the card supplied. (or a card which does not exceed the recommended limit defined in the Specification section below.)
- The physical characteristics of micro SDHC cards differ from manufacturer to manufacturer. Some micro SDHC cards may not be compatible with Finedigital black box.

Specifications

Item	Specifications		Remarks
Model Name	FINE PRO		
Dimensions / Weight	67x50x38 mm / 73 g		
Memory capacity	micro SDHC	8 GB / 16 GB / 32 GB	Class 10 or later recommended
Recording methods	Normal recording	Full-HD 1080p 15 fps	Records video in 3 minute intervals.
	Shock recording		Records video 5 seconds before and 35 seconds after shock (40 seconds in total).
	Emergency recording		Records video in 1 minute intervals.
	Recording while parking (Records video when shock occurs.)		Records video 5 seconds before and 35 seconds after shock (40 seconds in total). An additional device needs to be installed in vehicles that do not support uninterrupted power.
Angle of view	Diagonal 135° / Horizontal 119° / Vertical 70°		
Video	1920x1080		Full-HD 1080p 15 fps supported
Voice	Built-in microphone		
	Built-in speaker	8 ohms	
Acceleration sensor	3-Axis acceleration sensor	+2 g/ -2 g	
Input power	USB 5V 3A		External battery supported
Battery	Super capacitor		Supplies power to save video safely when external power is disconnected.
Power consumption	Max. 2 W		
Operating/ Storage temperature	Operating temperature -10℃ ~ 60℃ / Storage temperature -20℃ ~ 70℃		
Interface	USB 1.1/ 2.0 Mini B type		
Video output	TV / Navigation device output		NTSC / PAL

Installing and using FineVu Player

FineVu Player is the software that enables you to play a video recorded by the Fine Digital black box.
Download FineVu Player from http://www.finevu.com and install it.

Main screen

When you install and then run FineVu Player, the following screen is displayed.

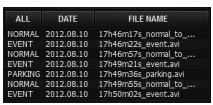
1. The main screen where a recorded video is played
2. The sub screen where the selected part of the main screen is shown enlarged
3. The List screen showing a list of recorded videos
4. The Control bar with which you can play and control recorded videos
5. The GPS popup displayed when the recorded video contains GPS information
   (* It is not displayed when there is no GPS information available.)

Playing and checking recorded videos

1 Click the Open button in the control bar.

2 Select a folder containing recorded videos.

3 Select a video file listed in the List screen and then click the Play button to play the selected video.



4 Now you can check the scenes being played. You can move around and check the scenes by time using the buttons in the Control bar.

Recommended PC specifications for FineVu Player

	Minimum	Recommended
OS	Windows XP SP3	Windows Vista, 7
HDD	30 MB	50 MB or more
CPU	Pentium4 3.0 GHz	Intel Dual Core or later / AMD AthlonX2 or later
VGA	128 MB	512 MB or more
RAM	1 GB	2 GB or more
DirectX	9.0c	9.0c

Limited Warranty

This product is guaranteed against manufacturing defects for one (1) year (six (6) months for battery and accessories) from the original date of purchase. Finedigital's sole obligation in the event of such defects during this period is to repair or replace the defective part or product with a comparable part or product at Finedigital's sole discretion. Except for such replacement, the sale, or other handling of this product is without warranty, condition or other liability even though the defect or loss is caused by negligence or other fault. Damage resulting from use, accident, or normal wear and tear is not covered by this or any warranty. Finedigital assumes no liability for any accident, injury, death, loss, or other claim related to or resulting from the use of this product. In no event shall Finedigital be liable for incidental or consequential damages relating to or resulting from the use of this product or any of its parts.

Finedigital is not liable for the costs of installing and removing the products and its accessories regardless of the warranty period.

FINE DIGITAL

www.FineVu.com